

Daily Report Cruise 2

September 22, 2010

This is the second cruise of the MC252 Deep water sediment sampling program, R/V Gyre. One station was sampled. On this station 12 of 12 cores were recovered. No hydrocarbons were observed. Sampling was cut short do to bad weather and large swells.

Station 1

1. Station ID: LBNL-3
2. Average Lat: NA (coming soon)
Average Lon: NA (coming soon)
3. Time Corer Deployed: 13:08
Time Corer Recovered: 13:51
4. Sample nomenclature:

Sample Type (sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

5. LBNL Sampling Team: Cristy Jones and Julian Fortney
6. Location Notes: 1 cast attempted. We sampled from three cores. Overlaying water contained a lot of debris. The top 2 cm of sediment was very loose and had a light brown color. This top layer may have been drilling mud.
7. LBNL samples:

Core number 1:

Sample ID	Sample Type	Volume	Storage
SE-20100922-GY-LBNL3-BC-031	Intact Core	NA	-80C
SU-20100922-GY-LBNL3-BC-037	AODC	20ml	4C
SU-20100922-GY-LBNL3-BC-043	DNA Filter	900ml	-80C
SU-20100922-GY-LBNL3-BC-044	DNA Filter	600ml	-80C

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Core number 2:

Sample ID	Sample Type	Volume	Storage
SE-20100922-GY-LBNL3-BC-032	Intact Core	NA	-80C
SU-20100922-GY-LBNL3-BC-038	AODC	20ml	4C
SU-20100922-GY-LBNL3-BC-039	Culture	15ml	4C
SU-20100922-GY-LBNL3-BC-045	RNA Filter	900ml	-80C with 10ml RNA later
SU-20100922-GY-LBNL3-BC-046	RNA Filter	700ml	-80C with 10ml RNA later
SU-20100922-GY-LBNL3-BC-040	Single cell genomics	1.5ml	-80C with 0.5ml 60% glycerol
SU-20100922-GY-LBNL3-BC-041	Single cell genomics	1.5ml	-80C with 0.5ml 60% glycerol
SU-20100922-GY-LBNL3-BC-042	Single cell genomics	1.5ml	-80C with 0.5ml 60% glycerol

Core number 3

Sample ID	Sample Type	Volume	Storage
SE-20100922-GY-LBNL3-BC-033	Single cell genomics	1ml (sediment)	-80C with 0.5ml 60% glycerol
SE-20100922-GY-LBNL3-BC-034	AODC	1ml (sediment)	4C with 0.1ml of formaldehyde
SE-20100922-GY-LBNL3-BC-035	Culture	1ml (sediment)	4C
SE-20100922-GY-LBNL3-BC-036	RNA	1.5ml (sediment)	-80C with 10ml RNA later
SU-20100922-GY-LBNL3-BC-047	SIP	125ml	4C
SU-20100922-GY-LBNL3-BC-048	Nutrients	100ml	-80C
SU-20100922-GY-LBNL3-BC-049	VOA	40ml	4C with 0.05ml HCL

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